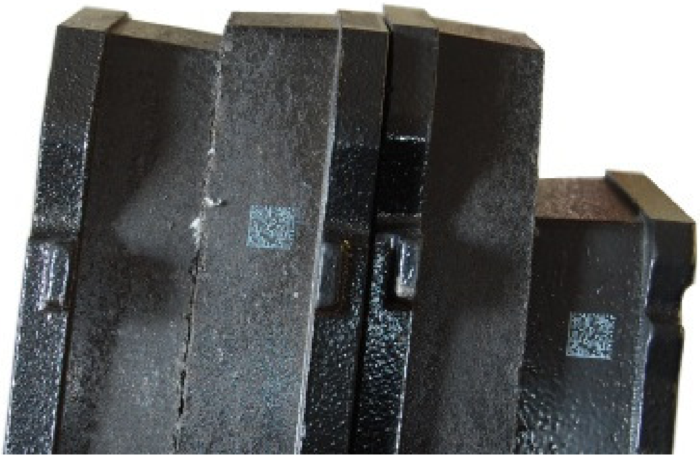
Non-stop high pigment prints



Producer of over 75 million pieces per year

Brake and friction products for all major brands and vehicles

ITT Friction Technologies produces brake pads for original equipment with over 75 million pieces per year. The innovation applied to the research of new friction materials and the identification of highly productive technologies help ITT Friction Technologies to produce an accurate range of automotive brake products. The range of brake and friction products includes all categories automotive high performance brake pads, for all category and type of vehicle and all major vehicles manufacturers worldwide. Furthermore Fine Blanking division produces and supplies metallic, carbon and semi metallic supports to major brake pads and brake discs manufacturers for motor and commercial vehicles, light and heavy duty.

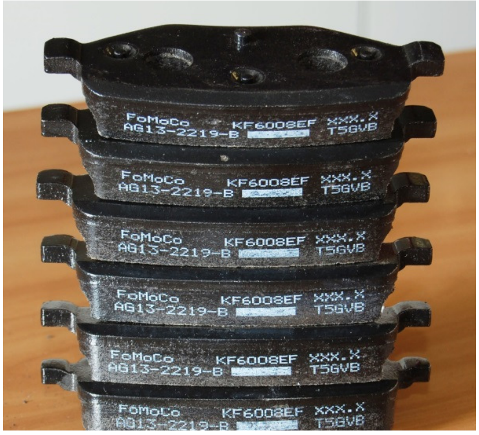
Two Hitachi PXR-P in Service

Two printer with white pigment are beeing installed to verify the reliability of product

Marking Products has been involved in the renovation project of the marking systems initially based on pad printing technology. About two years ago, two machines PXR-P with white pigment were installed, in order to verify the reliability of the marking on the product and the overall reliability of the machine in combination with pigmented ink. The application consists of a printing on the side profile of the brake pad that contains identification data and product codes, arranged in 1 or 2 line.

High performance production lines

Machines never turned off, 30-40 pieces per Minute are beeing produced



The line produces about 30-40 pcs./min. and the production is distributed on three turns: pratically the machines are never turned off. Exploiting the characteristics of HITACHI serial interface converted to Ethernet, the customer has developed a dynamic management of texts / messages without the the operator, in which the PLC sends the information to print directly to the printer. The print format is transmitted already organized in 1 or 2 lines of appropriate length, depending from the area that is available on the product worked. From the first machines up today they have been successfully installed 23 PXR-P with complete approval of customer.

For more information about Hitachi Coding & Marking Solutions, visit **www.hitachi-industrial.com**